

FIRST CLASS MAIL



A Publication of
THE PHIL-MONT MOBILE RADIO CLUB, INC.
2113 EDGEHILL DRIVE, FURLONG, PA 18925

THE BLURB

1-800-32-NEW-HAM

PHILMONT MOBILE RADIO CLUB
W3RQZ • W3TKQ • W3QV

BLURB
NOVEMBER 1993

“Old Timers’ Night” with W3QZO

VOLUME 43

is published monthly by, and for, the members of The PHIL-MONT MOBILE RADIO CLUB, INC. whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *BLURB* subscriptions are available to non-members for \$10.00 addressed to the Treasurer. The club meets at 7:30 PM on the first non-holiday WEDNESDAY of every month at The Franklin Institute Science Museum, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or parking garage.

ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 PM-SHARP!

CLUB INFORMATION

24-Hour Information Number at W3TKQ -(215) 448-1139
Repeater frequencies: 147.03 Hz (Roxboro input requires no PL)
PL required for off-site receiver (OSR) access:

Bucks County 131.8 Hz

Center City 103.5 Hz

Lansdale 114.8 Hz

444.80 mHz (186.2 Hz PL)

Simplex frequency: 147.51 mHz

Packet BBS frequency at W3TKQ: 144.99 mHz

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 mHz Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee W3PWG

LICENSED AMATEURS ARE ALWAYS WELCOME TO OPERATE W3TKQ.

OFFICERS

PRESIDENT: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238

VICE PRESIDENT: N3GMH, Paul Policarpo, 2425 S. 21st Street, Philadelphia, PA 19145 (215) 465-2247

SECRETARY: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061

TREASURER: W3IIN, Jinny Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

DIRECTORS

W3BBB (94); K3FVI (94); AK2I (93); N2RM (93); W3IIM (A); K3KUD (A); W3RM (A)

COMMITTEES

Archives: W3IIN
BLURB: W3IIM
BLURB Folding: WB3KOJ
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Directory: WB3KOJ
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VE Program: ND3Q
TVI: W3VVS
W3TKQ: KB3IV
Welcome: N3KGG

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Artist: N3QIE

Labels & Folding: WB3KOH & WB3KOJ

Publisher/Typist: W3IIN

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Board of Directors' Meeting!

NET SCHEDULE

SUNDAY	09:30	147.030	mHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	mHz SSB	"10-ON-10 NET"
	10:20	3.993	mHz SSB	75 METER NET
TUESDAY	20:00	147.030	mHz FM	CW PRACTICE NET
LAST WED	20:00	147.030	mHz FM	W3TKQ OPERATORS' NET



APPLE BYTES

Don Gordon, WB3KOJ

NOVEMBER BIRTHDAYS

- 01 John Fisher - K2JF*
 - 04 Rita DeSimone (XYL K3YOD)
Charlie Weigand - AA3EP
 - 05 Dolores Malone (XYL N3MGS*)
Al Tribble - W3STW
 - 08 John Carbonaro - WA3TPH
 - 12 Arnold Sadwin KC2HX
 - 13 Chuck Snyder W2HSA
 - 14 John Eckert N3LMX*
 - 18 "Gil" Gilpin W3SRU
 - 19 Brad Swanson N3GLH
 - 22 Bill Popovic N3FVI
 - 24 Dolores Policarpo (XYL N3GMH)
 - 25 Dusty Rhoads - ND3Q
 - 27 Mel Toren - W2GMA
 - 28 Joe Gallo - N3MUK
 - 29 Bob Namm - K2RRC
Bob Nicotera - KB2ERL
Betty Walmsley (XYL WO3D*)
- *Indicates New Member 92-93

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership?

Remember: the ARRL is more than just a magazine subscription!

Help PHIL-MONT by joining or renewing through the club.

Contact Jinny, W3IIN, for the details.

CORRECTION

Please note Paul Bergsman's call (supplement) is N3PSO.

MEMBERSHIP STATS

At press time P.M.R.C. has:
164 FULL PAID MEMBERS
15 FAMILY MEMBERS
3 HONORARY MEMBERS
5 PENDING MEMBERS



NEW MEMBER APPLICATIONS

CALL: **N3PVO**
 NAME: **Carol L. Sebzda**
 HANDLE: **Carol**
 CLASS: Technician
 ADDRESS: 761 North Hills Avenue
 Ardsley, PA
 19038
 HOME PHONE: (215) 884-5518
 BUSINESS PHONE: (215) 643-2900
 OCCUPATION: Inventory Control Manager
 INTERESTS: *Blurb*, Directory

CALL: **KD6VYT**
 NAME: **Matthew N. Landel**
 HANDLE: **Matt**
 CLASS: Technician
 ADDRESS: 1601 Spring Garden #501
 Philadelphia, PA
 19130
 HOME PHONE: (215) 567-1320
 BUSINESS PHONE: (215) 674-3550
 OCCUPATION: Electrical Engineer
 INTERESTS: Net Control, Special Events,
 VE Program, W3TKQ,
 Technical

CALL: **KA3WVT**
 NAME: **(Mr.) Marjan H. Miller**
 HANDLE: **Butch**
 CLASS: General
 ADDRESS: 2722 Holme Avenue
 Philadelphia, PA
 19152
 HOME PHONE: (215) 332-6988
 BUSINESS PHONE:
 OCCUPATION: Disabled
 INTERESTS:

RF Hill Amateur Radio Club, and we enjoyed his articles in the *MHz Times* about Ham Radio in the OLD OLD days.

8. A mill is ham language for a typewriter.

A "mill" is a typewriter used by the military operators, especially Naval operators, and is characterized by the fact that the keys are all uppercase (caps), and there are no lowercase letters. But hams do call a typewriter a "mill."

9. Ted McElroy at 75.2 WPM. Some of the keys and bugs he manufactured are still around. They command a rather high price.

10. WERS was the War Emergency Radio Service during the Second World War. It operated on two and a half meters. All equipment was home brew and AM. This was all before FM, repeaters, and rice boxes... and we were MAD at the Japanese!

WERS operated on 2½ meters (112mcs). As equipment became available, some operation occurred on 1¼ meters (224 mcs).

Thanks to RF Hill's MHz TIMES and W3VVS

More from W3VVS

What is a WOUFF-HONG?

The sacred Wouff-Hong is used to punish those who commit offenses against the radio law. Used by "the old man" (TOM) who sits in his shack and reflects upon the "rotteness" of everything.

and What is a RETTYSNITCH?

The Rettysnitch is used by "the old man" to enforce the principles of decency in radio operating.

The PREZ SEZ

Ed Masarsky, KB3IV



This year is flying by at supersonic speed. Many things have taken place since I started my term of office last January. November and December will prove to be the busiest time for the club.

Our November 3 General Meeting is our annual Ol' Timers' Night which always brings out a big crowd. It's a time to meet some of those members you have read or heard about, but never had a chance to meet in person. They have a lot to say about Phil-Mont and Amateur Radio that's worth hearing.

Bob Thomas, W3QZO, is our speaker and promises to entertain and inform you. As Bob will tell you, I have been after him for many years to do a program, but he begged off because of his work schedule. Now that he's retired (and working harder than ever) we were able to get him to a meeting.

Another important event taking place at the meeting will be the announcement of candidates for Phil-Mont offices. Elections will be conducted at the December 1 Annual Meeting. If you can't be with us at the meeting, please request an absentee ballot [see instructions on page 17-Ed]. Every

vote is important for the continued success of our club. If you have not been contacted by the nominating committee to run for office, and wish to do so, contact Bill, N3FVI, who is the committee chairman.

I have been thinking long and hard about what to write about Jake. No doubt, there will be other articles in this and future *Blurbs*. Here is something I have read many times, and would like to share with you.

How fragile is man! His origin dust, his end dust; and while he lives he imperils his life for his daily bread!

Like an earthen vessel, he breaks,

Like a blade of grass, he withers;

Like a flower, he fades,

Like a shadow, he flits away;

Like a cloud, he vanishes,

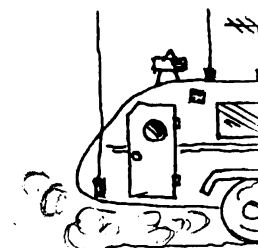
Like a breath of air, he is wafted away;

Like a mote of dust, he is blown away,

Like a dream, he is no more.

Observe the person of integrity, and take note of the upright, for the latter end of that person is peace.

Jake, you and the song are gone, but the melody lingers on.



LOOKAHEAD

- Nov 3 **General Meeting Program:
Ol' Timers' Night**
Bob Thomas, W3QZO
- Nov 4 License Examinations at
The Franklin Institute
- Nov 10 Directors' meeting at
W3STW's
- Dec 1 **General Meeting Program:
Annual Meeting & Elections**
- Dec 2 License Examinations at
The Franklin Institute
- Dec 15 Directors' meeting at
N3FVI's
- Jan 5 **General Meeting**
- Jan 6 License Examinations at
The Franklin Institute
- Jan 19 Directors' meeting

HAMFESTS

- 1994**
- May 15 **WRIGHTSTOWN, PA**
Warminster ARC
- July 31 **TIMONIUM, MD**
BRATS

CLUB INFORMATION

24 Hour Information Number at W3TKQ
(215) 448-1139

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring a their original license and one photocopy of it. All applicants, including children, must present positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1993 test fee is \$5.60; there is no charge for a Novice test.

Monthly, 1st Thursday
The FRANKLIN INSTITUTE
Dusty Rhoads, ND3Q
(215) 482-0386
(215) 879-0505

Monthly, 3rd Thursday
BELLMAWR, NJ
Bill Helmatag
(609) 546-7710

Irregularly
BRYN MAWR
Bob Lees
(215) 265-6032

Monthly, 1st Thursday
LEVITTOWN
Dave Heller, K3TX
(215) 946-1040
(215) 736-3333

Irregularly
LINWOOD, PA
The 96 Over The Hill Gang
(215) 497-5795

Monthly, 3rd Thursday
MORRISVILLE
Dave Munson, NM3K
(215) 788-7515

Monthly, 1st Monday
POTTSTOWN
Warren Erdman K3ZXQ
(215) 679-5764

Monthly, 3rd Monday
TELFORD
Warren Erdman K3ZXQ
(215) 679-5764

Monthly, Last Saturday
UNIVERSITY OF PA
Garrett Klein, WZ3G
(215) 898-8538 shack
(215) 222-8752 home

Odd Months, Last Wednesday
WARMINSTER
Tom Michaud, WA3TQJ
(215) 343-3494

meter band. We got that after the TV sets arrived with their 21 MC. IF amplifier stages. Hz had not yet replaced CPS as the unit of frequency measurement.

Class A, B and C originally consisted of a 10 WPM code test. Answers to examinations were handwritten longhand (including all math calculations and copy for the code test). In the late 30s the code test was changed to 13 WPM. Postwar the examinations were changed to multiple choice.

2. The 24A tube was an RF receiving amplifier, with a 5-pin base and a 2.5-volt filament. The two unusual things about the tube were that the grid input was a cap on top of the tube, and there was a second grid called a screen grid, making the tube a tetrode.

The 24A tube was preceded by the 222 which was a direct-heated filament type tube. The fact that the 24A was an indirectly heated tube with a cathode sleeve made it necessary to employ a 5-pin base. (The 222 had a grid cap, and the screen was connected to the 4-prong base).

3. A MOPA was a Master Oscillator Power Amplifier. Like a 6V6 crystal oscillator driving an 807 final amplifier. Normally the final operated on the same frequency as the oscillator. Sometimes a tritet oscillator was used, doubling or tripling the frequency. The final always operated straight through.

The MOPA originally came from the fact that the 'master oscillator' was a self-excited low-power oscillator, coupled to a much higher powered stage called the "power amplifier." The power amplifier was essentially a high-powered oscillator in its own right, but it was 'locked' to the frequency of the master oscillator. As time went on, the

term MOPA changed as the state of the art changed. The MOPA most always operated straight through on the fundamental frequency of the master oscillator. (MOPAs were not crystal-controlled in the original context.)

4. The finals in the Heath HW-12 were a pair of 6GE5s. The Heath HW-12, HW-22, and HW-32 operated on 75, 40, and 20 meters respectively. They were single-band SSB transceivers.

5. Heath's very first kit was the Heath Parasol. It was not an antenna, but rather a high wing monoplane. But you had to be around in the mid 1930s to remember this.

Heath's kit was the "Parasol," although Heath also manufactured skis for use on airplanes during wintertime operation. I also understand that they made floats used to convert airplanes to water landing capability. As a sidelight, my friend William C. "Tiny" Rutz (now NM8F) was chief engineer of Heath Electronics after WWII, and designed the first "electronic" Heathkit, which was a 3-inch oscilloscope. Not many were sold since, shortly afterward, Heath introduced the 5-inch scope.

6. The Taylor Tube Company. Their TZ-40 tube could dissipate 40 watts. But typically the average ham would load them up to about 80 to 100 watts. Operation at this level did not insure a long tube life, but an early no-cost replacement. By the way, the Taylor Tube Company is no longer in business.

7. W3FAR, John Michaels of North Wales, PA. He no doubt used his RME 9 receiver. John was Chief Engineer at KYW-AM. During the 1970s, John was a member of the

Phil-Mont's Ham Pfest

HW-101 100w SSB w/power supply
Works well, guaranteed operating, with
spare tubes. Good starter rig. \$125
W3PXY (215) 968-4483

QST magazines—1944 through 1974
(less 1959 and 7 miscellaneous issues).
30 "Golden Years" of ham radio. Excel-
lent condition; sorted by year. All pro-
ceeds to the estate of W3AJS. Best offer
over \$60
AEA Isopole-144—2-meter antenna.
Never used, new in box, with all papers
and accessories \$35
W3QZO (215) 247-2427

RADIO ACTIVE

Bob Wilcox KE3CZ

Quickly the year is coming towards its
end. Unlike New Year's resolutions, now is
the time to set your goals for next year with
regards to Amateur Radio and the club. It's
time to take an active role in your club, and
share in the unique experience that has kept
this hobby alive for so many years. Public
Service, VE Teams, Nets and various other
things that each club involves itself with
would benefit if more people were taking an
active role in them. All one would have to do
is ask where help is needed, and your assis-
tance would be appreciated and utilized at a
schedule convenient to you.

It truly is time for all of us to become
Radio Active. On the air QSOs are good, and
when done with respect for the rules govern-
ing amateur radio, they demonstrate the
camaraderie that will make listeners want to
get involved. Remember, clubs are only as
good as their members.

Be an active participant in the positive
future of your club...be Radio Active!

ICOM IC2AT—2m handie talkie with all
paperwork, with BP3—1.5 watt nicad pack
w/new insert, BP5—2.5 watt nicad pack
w/new insert, wall and BC30 drop-in
chargers, speaker-mike, dc converter
and cigarette cord..... \$175
..... or best offer
Tempo S-1—2m handie talkie with speak-
er-mike, wall charger, manual, new nicads
..... \$100
..... or best offer
Dumb Terminal—with all manuals. Great
for packet if you don't have a computer.
Working; will help you hook it up ... \$25
WU3I (215) 535-8061

ANSWERS TO HAM TRIVIA

*Comments in italics are by our
own venerable W3VVS.*

1. Class A, Class B, and Class C. Most of
us started out with Class B. This consisted of
a 13 WPM code test. You had to copy a solid
minute out of the five minutes that the code
was sent. No questions were asked about
what you received. The theory test was—pick
the right answer, and fill in the A, B, C or D,
just like today, but then there was not as
much to know.

After a year as a Class B operator you
could go to the Philadelphia Customs House
and take the Class A test. There was no
increased code requirement for this test, just
a 20 question test, mainly on phone opera-
tion, Class B plate modulation and phone
frequencies. Remember, Single Sideband
had not yet been discovered by hams.

Class C is the same as today's Condi-
tional Class, which disappeared with the VE
program.

Class A allowed phone operation on 20
and 75 meters. We had not received the 15

MINUTES

OCTOBER GENERAL MEETING

Steve Hoch, WU3I, Secretary



KB3IV opened the 526th General Meet-
ing at 7:49 p.m.

W3IIN reported, for the first time since
8/16, that the treasury had twice the expens-
es as income. However, the balance is still
healthy.

AA3BB, for membership, reported there
were 5 new applicants to vote on at the
October Directors' Meeting, that are listed
in the September *Blurb*.

KE3CZ requested all ballots for Phil-
Monter of the Year be submitted by 10/20
(Mid-Month) to be eligible.

N3FVI is looking for a few good candi-
dates. As the chairman of the nominating
committee Bill will, as usual, have his work
cut out for him. If you are a member with a
year under your belt, and wish to serve your
club, contact N3FVI.

WU3I reported on the V.E. program
and W3TKQ. The next test session will be
October 7, and all wishing to become ama-
teurs or upgrade are encouraged to attend.

W3TKQ is in full gear. The only device
out of service is ATV. The Wyman trans-
ceiver was returned for repairs. KB3IV re-
minded all that the cost of maintaining
W3TKQ is borne by PMRC, and the fund is
in need.

Ed explained how to enter The Institute
to visit the station. You are requested to

contact the station and let them know you are
coming. The operators will notify security at
the entrance you are planning to enter, so
they will be expecting you, and will admit
you on a VIP sticker. This pass will allow
you to visit the station at no cost. You are
requested to limit your visit to the station
only!

AA3EP for special events: Charlie
thanked all involved for their help on The
MS-150 city to shore.

W3BBB, in one of his rare appearances,
reported on the repeater: "it's working."

KA3WWK, doing double duty as 'wel-
coming' and '50-50', reported there were 33
members and 12 guests present. The guests
were Michael Wiacek—N3PDO, Jerry Nadel-
W1PXX, Hal Goodman—W3UWH, Abel
Pasicznyk—K3YLB, Paul Smith, Laura Pe-
kala, Anthony Vece—N3PWT, Todd Guhl,
Betty King, Carol Sebzda—N3PZO, Robert
Palko—KE3GS and Matt Landell—KD6PYT.
Welcome to our guests.

The 50-50 was drawn by Stephanie
Palko and won by N3DHI [*also in one of his
rare appearances—Ed*].

N3GMH introduced W3BBB, Jim Spen-
cer, who gave a talk on the early years of the
club and the repeater, followed by an N3DHI
video of the repeater and all its goodies.

The meeting was closed at 9:30 p.m. ♪

"DON'T TAILGATE... WAIT"—for the courtesy chime!

102ND MONTHLY VE SESSION STATISTICS OCTOBER

13 candidates pass 12 elements
1 new amateur plus 6 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Russ Stafford, AA3CH; Bob Wilcox, KE3CZ; Niel Leone, W3FZR; Steve Hoch, WU3I;
Marty Gold, K2ID; Joel Kleinguenther, KA3SWU; John Verlin KA3VVU

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

THE FRANKLIN INSTITUTE
SCIENCE MUSEUM



For Information Call ND3Q at
(215) 482-0386 or 879-0505

Accessible by the handicapped.



Ol' Timers' Night

November 3rd

Bob Thomas, W3QZO

My, how things have changed! 1943-1993

The program will be a lighthearted tale beginning with a teenager's wartime entry into electronics, and the Philadelphia radio scene in that era, some early times in ham radio, life before repeaters on Phil-Mont's Channel-1, and forty-one years in television engineering.

MEMORIALS

Some thoughtful members have contacted the Board of Directors with regards to where they may send donations for W3TKQ in the name of Jacob S. Kovalchek, AK2I. If it is in your heart to do this, and you would like to pay tribute to Jake in this manner, please send your tax deductible contribution to:

The Benjamin Franklin Science Museum
Benjamin Franklin Parkway at 20th Street
Philadelphia, PA 19103-1194

Make payable to The Franklin Institute, but be sure to note on the check that it is for
THE W3TKQ FUND.

1970 contact visits W3TKQ.

Buck Escott, WB4OTP, visited the station on July 8, and brought along this QSL card. Al, W3STW, reports that Buck had a good time operating the 'guest' position's Kenwood TS450 transceiver.



BENJAMIN FRANKLIN PARKWAY AT TWENTIETH STREET, PHILADELPHIA 3, PENNSYLVANIA

W3TKQ

WAS - WAC

FRED S. SHAW W3ADV, TRUSTEE
PHILMONT MOBILE RADIO CLUB, SPONSOR

To RADIO WB4OTP
Confirming our USB Communication of
Jan 23 1970 at 1250 ST,
in the 20 meter band. Your signals were
5-9-QRM

From RADIO W3TKQ, The Franklin Institute
Receiver: Collins 75S-3
Transmitter: Collins 32S-1, 30L-1, KW watts.
Antenna: 1A33 up 130'
Remarks: Buck

Super short QSO
of hope to cut agn

Thanks, Operator Nelson

QSL Please W3 73

operator "Buck"
5522 Wedgewood
Alb.

Charlotte
770
zip 28210

WORKING THE PACKET NODES

Bob Wilcox, KE3CZ

For those who would like to work a World Wide Chat Node on packet, here is the most reliable path. Many hams from around the world are here, especially England, Germany, Australia, Hungary and Yugoslavia. Remember, even though it is 2 meter packet, the people on the other side are going by UTC.

Instructions are in *italics*; what you actually type is in **UPPER CASE**.

- Go to 145.770 and type **C PHL144** <enter>.
- When you receive the *CONNECTED* acknowledgment, type **C BARNEY** <enter>.
- When you receive the *CONNECTED* acknowledgment, type **C QSO** <enter>.
- When *CONNECTED*, wait until you get the connect message and the command prompt, then type **C** <enter>.

You will then be on the Chat Node where anything you type will be transmitted to all the others connected, and your callsign will automatically be placed in front of your

MS 150 A Great Success

Charlie Weigand, AA3EP

This year the total number of operators was about 75 from 10 different radio clubs. Phil-Mont had 17 participants. We had a very busy weekend, as we found ourselves shorthanded on Sunday, because of prior commitments of some of the volunteers.

I would like to thank all of the operators who took on extra check points to make sure all of the important and critical spots were covered. The members of Phil-Mont who participated were AA3CH, AA3EP, N3KGG, N3POJ, NS3Y, K3PHC, KD4PWG, KB2ERL, KA3WWK, K3JJO, W3YLT, WU3I, N3FTC, N3NLR, K3EUI, N3GEN, and N3PSO.

Thank you to all, and congratulations on a job well done. I hope to see you all next year. 

packets by the Node.

All commands for the Node must be preceded by a slash (/)... (e.g. /BYE to exit Node.../W L to list all that are connected and where they are from). 

WANTED

Small, portable public address system for use at club meetings in The Franklin Institute.

MINUTES

OCTOBER DIRECTORS' MEETING

Steve Hoch, WU3I, Secretary

KB3IV opened the meeting at 8:13 p.m. at the home of W3PXY, George and Betty King. Attending were W3BBB, W3GQD, W3RM, KE3CZ, W3IIM, W3IIN, K3GBA, K3KUD, KB3IV, WU3I and W3PXY.

W3IIN reported on the GOOD health of the treasury. Expenses exceeded income by \$15.40 this month since the general meeting.

W3IIM reported the *Blurb* is doing fine. Keep those articles coming. Some readers would like to see more technical articles [*so send me some!—Ed*].

KB3IV, for net controls, reported on himself replacing AK2I on the 75m net.

K3KUD reported on the scheduled meetings for the Budget/Audit committee; 12/6/93 for the Budget, and 1/3/93 for the Audit, in Lansdale. Committee members are K3KUD, W3IIM, W3IIN, W3BBB and KB3IV.

KB3IV thanked WB3KOJ for the directory update in the last *Blurb*.

W3IIN, for AA3BB, reported on 5 new applicants to vote on for membership this month. They are KE3GS, N3PDO, N3POK, N3PSO and N3PWT. K3KUD made the motion to accept the applicants. W3RM seconded the motion, and the motion was carried.

KB3IV, for the program committee, reported on the upcoming November meeting with W3QZO for Old Timers' Night, with wine and cheese before, and desert after; December Awards & Elections with W3BBB as "DeJUDGE" with the first showing of [*the club's best kept secret—Ed*] PM-

RC's Overhead Projector.

W3BBB, in order to save postage costs, made the motion to provide absentee ballots via the *Blurb* by request only. W3RM seconded the motion. The vote was 6 in favor 2 opposed, motion carried.

The question was put forth: "Does anyone have a public address system we can use at meetings?" The Franklin Institute cannot leave-on the P.A. in the Choices Forum, and we cannot get access to the control room where it is located. A P.A. would be very nice in that room.

KB3IV raised the point of sending an article on AK2I to the amateur publications via our public information officer (PIO). N3IEI. WU3I has been in touch with N3IEI and an article is forthcoming.

W3BBB on the repeater: "It's working."

KE3CZ on the Volunteer Exam Program: This month 22 elements with a 50% passing rate. Thanks to all who helped, and any who wish to help should contact ND3Q-Dusty.

W3BBB made the motion to have KB3IV continue as the liaison to T.F.I., W3RM seconded, motion carried.

An official W3TKQ committee was formed. Its chairman, KB3IV, will be the contact with The Franklin Institute, WU3I & N3FVI will be technical. The station is fully operational except for the ATV. The Wyman unit was sent back to the manufacturer for repairs. The bill on the 950 was paid by The Institute (\$314.90). The W3TKQ report will continue by WU3I, KB3IV 

Continued from page 7

and N3FVI. Volunteer authors welcome!

K3KUD made the motion to leave vacant for the balance of the year the position on the Board of Directors formerly held by AK2I. W3IIN seconded; motion carried.

KB3IV reported that there was only \$20.47 remaining in the 'TKQ fund, and we need more funds for maintenance of the equipment. Ed made a motion to include on the dues notice a block to check-off for an optional and voluntary donation of \$7 to the 'TKQ fund. WU3I seconded; motion carried. Ed reported on the receipt of two donations to the 'TKQ fund in the memory of AK2I.

KB3IV mentioned unfinished projects of AK2I being the Map Project for the top of the console, and the Edwin Armstrong project. Anyone wishing to give any input on these projects should contact an officer or Board member.

NEW BUSINESS

It was the consensus of the board that the club presently has too many awards, and beginning in 1994, to make the process more meaningful, a single award for significant contributions to PMRC will be awarded.

KB3IV was contacted by a ham in the Jacket, Tee Shirt and Patch line with "such a deal." The board will be reviewing the product, and will try to arrange a display at an upcoming meeting.

A few months ago we made mention of a new club logo in the works, and this process is still ongoing.

W3RM made the motion to adjourn the meeting at 10:45 p.m. KB3IV seconded; motion carried. 



HAM TRIVIA

1. Before the FCC came up with its present license structure, there were only three classes of licenses. Name them.
2. Back in the 1930s, depending on the manufacturer, a new tube appeared on the market known as the 224A and the 324A. Also known simply as the 24A. What two features incorporated into this tube were new?
3. What is a MOPA?
4. The finals in a Heathkit HW-12 were?
5. What was the Heath Company's first kit?
6. What tube company unconditionally guaranteed their tubes?
7. Who was the first American Amateur to work WAC on ten meters?
8. What is a Mill?
9. Who holds the receiving code speed record?
10. What was the WERS?

Note: If you get all of them correct, you are a Real Old Timer. If you can't answer any of them, you are a real young squirt. Answers elsewhere in this issue.

Field Day-'94

I'm trying to get some interest in operating Field Day. I have a 24 foot camping trailer with a Hustler 5-band trap vertical antenna and a TS 440SAT that will get me on 10, 15, 20, 40 and 75 meters. I would like to get some others if there are any interested.

I need a generator and a site to set up, and would like to set up in someplace public to show-off to the public if possible.

Now is the time to plan and get permission to set up in a public place or someone's property. If interested contact Steve, WU3I on the repeater, or packet on 145.05. My mailbox is on 24 hours, or call (215) 535-8061. 

W3VVS

ABSENTEE BALLOTS

The Board of Directors decided that it was a poor use of the club's money to include with every member's *Blurb* an absentee ballot, when, in reality, a majority of the voting members vote in person at the club's 'Annual Meeting' in December. Realizing that some members are physically unable to attend the meetings, ballots will be available to any and all that request them.

If you know that you'll be unable to attend the meeting, but wish to vote for your new officers, simply pass-on your request for a ballot to any net control operator, (or by mail to W3BBB) before November 15. The *Blurb*-folding committee, with the assistance of this year's Judge-of-Elections, W3BBB, will see that a ballot is included in your issue. If everything works-out like we hope it will, this new procedure could save the club \$30-40 in postage.

CANDIDATES...

Please send me your campaign message in time for the December *Blurb*—deadline is November's 'Mid-Month' meeting.

CENTERFOLD

Thanks to Sam, N3QIE, for his hard work in time for the deadline. It's a real pleasure being Editor, when I have the willing help of people like him! This drawing, in its original 11"x17" size, will be permanently displayed at W3TKQ, the station Jake loved so much. W3IIM



The Foundation For Amateur Radio, Inc.



Washington, DC

August 11, 1993
FAR Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

The FOUNDATION FOR AMATEUR RADIO, INC. is pleased to announce the 1993 winners for the forty-nine scholarships which it administers. The names of the recipients for the individual awards appear below.

These scholarships were open to all Radio Amateurs meeting the qualifications and residence requirements of the various sponsors. The Foundation is a non-profit organization, incorporated in the District of Columbia, representing more than fifty clubs in Maryland, the District of Columbia and Northern Virginia. It is devoted exclusively to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Announcement of our 1994 awards will appear in the March or April issues of the major Amateur Radio publications and radio club newsletters.

1993 SCHOLARSHIP WINNERS

John W. Gore Memorial Scholarship - \$1000
Brian D. Kuebert, N4UEZ - Warrenton, VA
Edwin S. Van Deusen Memorial Scholarship - \$1000
Bernard P. Andreoli, WM3L - Old Forge, PA
QCWA Memorial Scholarships \$800 each
Shawn E. Allen, KB8IYA - Stumptown, WV
Dori M. Baker, AA8IT - Lynchburg, VA
Jeffrey Giesberg, KB2ZCB - Dumont, NJ
Craig A. Gullickson, KC6CEX - Fresno, CA
Beverlie L. Hartnett, W3NZK - Duncansville, PA
Charles A. Hill, KA3RWC - Seneca, PA
Matthew T. Johnson, N5OKP - Midland, TX
Steven D. Kraft, KB9RW - Menomonic, WI
Richard E. Kutter, KB8LOE - New Madison, OH
Kenneth R. Leitch, KB5OKI - El Paso, TX
Ralph Hassinger Memorial Scholarship
David B. Perrin, KC1TS - Contoocook, NH
Robert Cresap Memorial Scholarship
Elizabeth Skolaut, KA0YSP - Great Bend, KS
Max Jacobson Memorial Scholarship
Patrick J. Tobin, KA0ZEQ - E. Grand Forks, MN
Leo Meyerson Family Living Scholarship
Tara B. Zima, UB5SL/KD6VWQ - Greenville, CA
Radio Club of America Scholarships - \$500 each
In Memory of Jack Popple
Michael Ambrose, KC1UK - Monroe, CT
In Memory of J Alan Biggs, K4AA
Keith J. Leitch, KB5JVM - El Paso, TX
From the Leo Meyerson Fund
Grant Kesselring, NO1CI - Ottumwa, IA
In Memory of David Talley, W2PF
Guy Schechter, NSURI - Houston, TX
From the RCA Grant-in-Aid Fund
Daniel M. Reynolds, N0LAI - Hibbing, MN
Richard G. Chichester Memorial Scholarship - \$1000 Sponsored by Patricia and Jack Chichester (W9AMF)
Charles A. Keller, K15YO - Kingwood, TX
Young Ladies' Radio League Scholarship - \$1200
Diane M. Weldon, KA1NOJ - Marlborough, MA
Columbia Amateur Radio Association Scholarship - \$1000
G. Colin Pitts, N3KHC - Annapolis, MD
Baltimore Amateur Radio Club Scholarships - \$1000 each

Rodney T. Frank, KA3OZF - Largo, MD
Joseph P. Nunemaker, N3KHP - Lanham, MD
Elisa Niemtzow, KA6WWY - Gaithersburg, MD
Edward J. Calhoun, N3GJI - Arnold, MD
Ralph V. "Andy" Anderson, K0NL Scholarship - \$1000
Melissa L. Benish, N3PAC - Pittston, PA
Dade Radio Club Tropical Hamboree Scholarships - \$1000 each
Tony Drake, KC4OBY - Bradenton, FL
Andrew L. Glasbrenner, KO4MA - Jacksonville, FL
Rose Ellen Bills Memorial Scholarship - \$2000
Diane R. Magen, KG5CS - Grand Forks, ND
Victor C. Clark Memorial Scholarship - \$1000 Sponsored by the Vienna Wireless Society
Michelle L. Czaikowski, N4QHT - Stephens City, VA
Frederick Amateur Radio Club Scholarship - \$1000
Wayne E. Wisner, KA3YEE - Frederick, MD
10-10 International Net Scholarships - \$750 each
Niesha S. King, N6SPS - Palm Desert, CA
Dean R. Madsen, KE0WO - Storm Lake, IA
WARAC Memorial Scholarships - \$1000 each Sponsored by the West Allis Radio Amateur Club
Timothy J. Czerwonska, WO9U - Cheek, WI
Robert J. Goemans, N9HAD - Madison, WI
Karen M. Schneider, N9SVA - Appleton, WI
Kevin Barry Perdue Memorial Scholarship - \$1000 Sponsored by Kay (WT3P) and Carter (KD3AO) Craigie
Jennifer Doerric, KA5WMJ - Booker, TX
South Milwaukee Amateur Radio Club Scholarships - \$500 each
Erin M. Cottrell, N9SVH - Appleton, WI
Jeremy L. Haley, W9GT - Mendota, IL
Jonathan H. Kolbrak, N9KBB - Chippewa Falls, WI
Michael P. Ley, N9GQU - Menomonic, WI
DVRA Memorial Scholarship - \$500 Sponsored by the Delaware Valley Amateur Radio Association
Peter S. Wycoff, KA3WCA - Washington Crossing, NJ
Nanticoke Amateur Radio Club Scholarship - \$1000
Jensen R. Montambault, KC4GPZ - Earlysville, VA
Murgas Amateur Radio Club Scholarships - \$500
Kresta L. French, N3NMG - Smithfield, PA
Virginia Beach Hamfest Scholarships - \$500 each
Eric Chapman, KO4BS - Virginia Beach, VA
Christopher Schaab, KD4NFW - Virginia Beach, VA

October 7, 1993

Dear Steve,

Yesterday I had the pleasure of attending a meeting of the Phil-Mont Mobile Radio Club. I am not a resident of this area but was brought to the meeting by WA3INW, Bob Fields, and KB3IV, Ed Masarsky, whom I had met at an earlier occasion.

The talk by Jim Spencer was very interesting. It is amazing how a club can grow through the efforts of dynamic individuals and cooperative efforts of just a handful. I'm sure all those who attended learned it is no small matter obtaining equipment and setting it up for repeater use. Keeping it going also requires special effort of a few talented individuals.

The video tape of the repeater set-up was very well done. Many of us who have used repeaters just probably have never given any thought as to what they looked like. I have been around ham radio for a long time and consider myself "an old-timer," but never really had the opportunity to acquaint myself with the appearance and operation of a repeater. So now I am able to state I have a better understanding of what it takes to get them going and keep them on the air.

It was a pleasant evening for me while I was visiting family in the Wyncote, PA area.

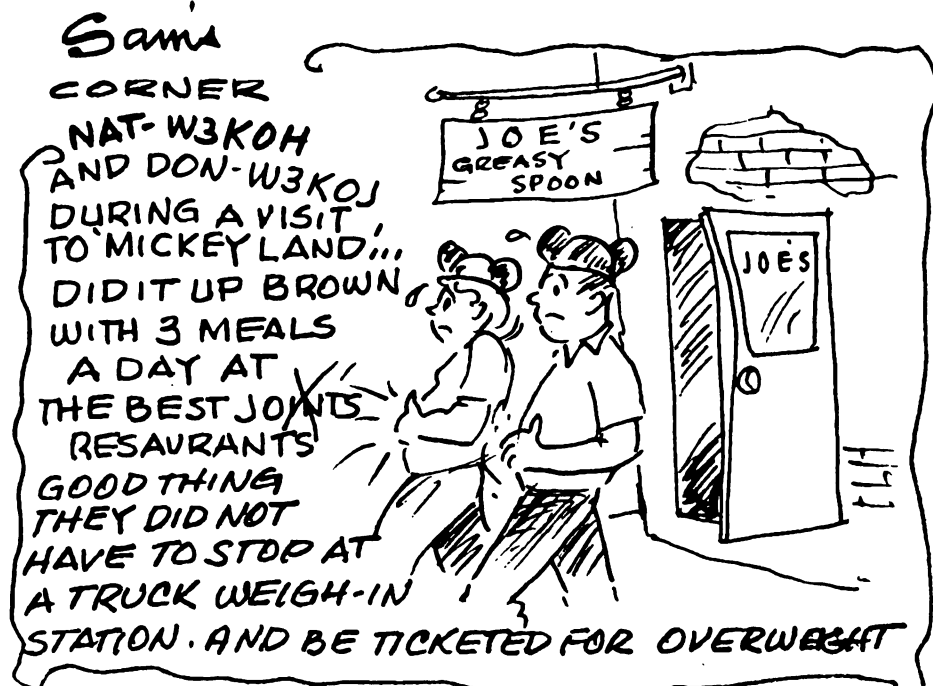
Your newsletter "The Blurb," is very informative. I enjoyed reading "On The Road Again." I found it interesting and pointed it out to my family, who all read it and agreed with me. I had never met Jake, AK2I. We do wish him well, and a speedy recovery.

Hopefully my next trip up to the Philadelphia area will coincide again with another monthly meeting of your group.

My special thanks to Bob and Ed for taking me.

73,

Jerry Nadel, W1PXX
6187 Overland Place
Delray Beach, FL 33484



Jacob S. Kovalchek, AK2I/SK

On October 11, 1993 Phil-Mont, and amateur radio, suffered a great loss with the death of AK2I, Jake Kovalchek.

Originally licensed as WB2LEU, Jake joined PMRC on October 18, 1978 as KB2BA. He was quickly elected to the offices of Treasurer in 1980 and President in 1981. Jake served as a member of the Board for many years after, and earned many awards over the years, including The President's Award in 1979; Phil-Monter of the Year in 1981, 1986, 1990; The Leroy Hauser Award in 1985, 1992; and The Wynn Laurence LePage Memorial Award in 1991, for his work in rebuilding W3TKQ. Also in 1991 he was recognized as the ARRL Atlantic Division's "Amateur of the Year."

In 1979 Jake started the 2-meter CW Training Net on Tuesday nights, and in July 1984 he founded the Bulletin Net which he ran until June 1986. Also in 1984 he started the Triple B-S Swap Net (*Bigger Better Buys from your Stop, Shop and Swap Net*).

In 1983 Jake instituted the annual PMRC Roasts, and in 1984 conducted "The Symphony of Phil-Mont."

In 1984 he brought to the Board the idea of starting a Volunteer Exam program, and subsequently held the first session on April 1, 1985. The Volunteer Exam Program has held more than 100 monthly sessions since its inception. (The author attended the first session as an examinee, and now attends regularly as an examiner.)

Though Jake isn't with us anymore, he's still "radio active," welcoming callers to W3TKQ and the Phil-Mont Mobile Radio Club.

Just dial 448-1139 to hear his cheerful greeting!

Jake's greatest challenge came in September of 1990, when, shortly after taking on the duties of Special Liaison to The Franklin Institute Science Museum, we were notified by Henry Disston that Phil-Mont was going to be asked to vacate The Institute. Henry was kind to let us know this was imminent, and was behind our drive to prevent it.

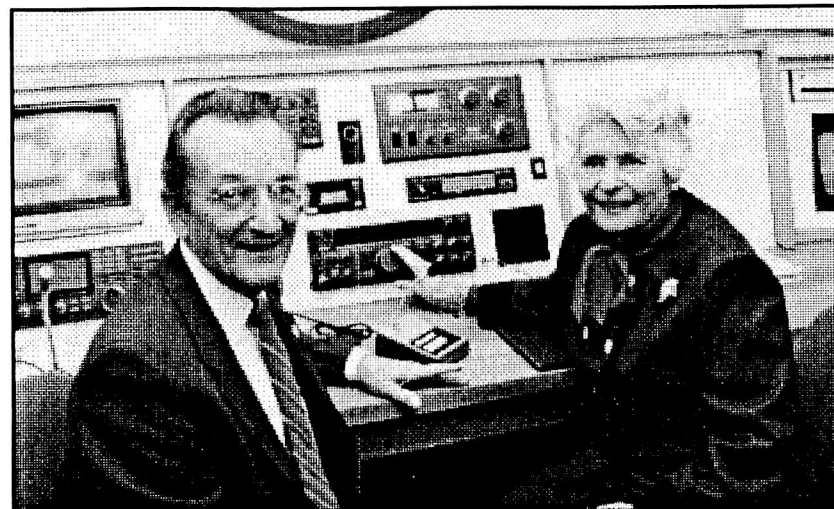
The months to come were the most tenuous for the club, but Jake would not be dissuaded, and attacked the problem like he did everything else for the club, with vigor.

In 1990 Jake began his regular column "The W3TKQ Report," and went on to spearhead the rebuilding of W3TKQ by raising funds through cash donations, and the donation of equipment from the major manufacturers. Jake sent requests to all the manufacturers, and the result is the station you see today.

Jake was not alone in this rebuilding effort, however he will be the most remembered. In the end we all benefit from his work with the "fantastic" station at The Franklin Institute.

Jake will always be remembered, by those of us who knew him, every time we enter W3TKQ, every time we attend a Volunteer Exam Session, every time we hear a CW training session, and every time we attend a meeting in The Franklin Institute.

For these are the legacy he has left us. 73 Jake, de WU3I. 



Jake, with Mrs. Gioia Marconi Braga, at the new console during the rededication of W3TKQ—October 23, 1991.

A newer member's perspective

Bob Wilcox, KE3GZ

For newer members, did you ever stop to think, "what made me join Phil-Mont?" And for veteran members, ask yourself what it was that kept you a member. I think that when you come to your conclusions it will have something to do with the work of Jacob S. Kovalchek, AK2I.

Jake has done so many outstanding things for Phil-Mont, and Amateur Radio in general, that it would be difficult to do them all justice by trying to discuss them in depth here. Be it known, however, the VE Program, the Code Practice Net and the reestablishing of W3TKQ at The Franklin Institute were all direct results of his work.

Sadly, we have lost Jake. A personable gent with a flair for public speaking, he was always there for Phil-Mont. Jake could sin-

gle handedly pull-up the club up by its bootstraps, and often did. Now it is our turn to continue his efforts. It will take many to fill the void, but if we all pull together, it can be done.

If we as an organization, and as individual people who share a common hobby, wish to pay Jake tribute, we should do it as he would have wanted us to. Each one of us must put forth what we can to keep in place, and to better if possible, the things that Jake brought to the club.

Jake will never be replaced—something I think we all realize, but in the same sense, his work ethic should inspire us to carry on in his good name.

At this time I will stop, as Jake would not want any further words, he would want action. Make some calls to your club officers, and get involved by pitching in.

Let's do it for Jake. 

1993

NOVEMBER

1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 CODE PRACTICE NET at 8 PM W3STW <i>Election Day</i>	3 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 PM Meeting starts after 7:30	4 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 PM <i>sharp!</i>	5	6
7 2M NCS K3JJO 10M NCS W3HFY 75M NCS W3PWG	8	9 CODE PRACTICE NET at 8 PM N3ALW	10 DIRECTORS' MEETING at W3STW's	11 <i>Veterans' Day</i>	12	13 <i>Sadie Hawkins Day</i>
14 2M NCS NS3Y 10M NCS W3HFY 75M NCS AA3CH	15	16 CODE PRACTICE NET at 8 PM N3FVI	17	18	19	20
21 2M NCS N3KGG 10M NCS W3HFY 75M NCS AA2FU	22	23 CODE PRACTICE NET at 8 PM K3JJO	24  OPERATORS' NET at 8 PM	25 <i>Thanksgiving Day</i>	26	27
28 2M NCS KB2ERL 10M NCS W3HFY 75M NCS KB3IV	29	30 CODE PRACTICE NET at 8 PM W3RM <i>Hurricane Season Ends</i>		<i>Many who are ahead of their time must wait for it in uncomfortable quarters.</i>		

Jacob S. Kovalchek

1930-1993

Jake AK2I
DID IT... KB2BA
WB2LEU

JAKE COLLECTED A
 FEW AWARDS

PRESIDENTS AWARD - 1979
 PHIL-MONTER OF THE YEAR - 1981-86-90
 LEROY HAUSER AWARD - 1985-92
 ARRL AMATEUR OF THE YEAR - 1991
 LAWRENCE LEPAGE AWARD - 1991

HE WAS ACTIVE AND
 WELL KNOWN ON THE
 MARS NET



TKQ
 OPERATORS
 NET

AK2I



JAKE HAD HIS HANDS FULL...
 MOST OF THE TIME!
 ALL



THE RIBBON CUTTING
 AND OFFICIAL OPENING OF TKQ

WAS A
 PHIL-MONT
 DIRECTOR



JAKE'S EFFORTS
 KEEP PHIL-MONT AT
 THE INSTITUTE FOR THE
 REGULAR MEETINGS



COORDINATED
 SAREX CONTACT
 WITH STS-5G



OL BEN
 AND TKQ
 MADE THE
 COVER OF
 QST



JAKE SERENADES
 THE MEMBERS ON
 AN ELECTION NITE



JAKE 'N' JOHN (W3AWH)
 APPEAR IN TUX' AT THE
 FIRST PHIL-MONT ROAST
 (THEY WERE HIDDEN
 UNDER RAIN COATS)

CAUSED
 REVITALIZATION OF
 PHIL-MONT



AT THE 2ND PHIL-MONT
 ROAST... JAKE SHOWS
 HIS MASTERY OF
 SYMPHONY

REINITIATED HAM
 CLASSES AT PHIL-MONT

AK2I



JAKE FOR PRESIDENT
 1981



TKQ
 OPERATORS
 NET

AK2I



BULLETIN NET
 1984

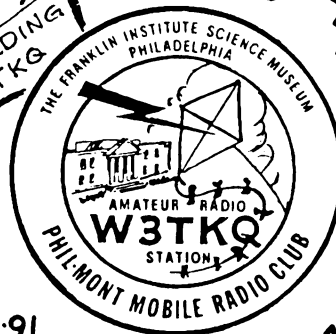


AK2I



TRIPLE BS NET

REBUILDING
 OF TKQ



TKQ
 IS
 REBORN - 10-23-91

AK2I